



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

David L. Adler

Serial No. 10/702,156

Examiner: not yet known

Filed: November 5, 2003

Art Unit: 2881

Title: Multi-Pixel and Multi-Column  
Electron Emission Inspector

Atty. Dkt. No.: 10011.001210 (P0980)

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

**Under 37 C.F.R. §1.56 and §§1.97-98**

Sir:

Pursuant to the provisions of 37 CFR 1.56 and §§1.97-98, enclosed herewith is form PTO/SB/08 (substitute for form 1449A/PTO) listing references which may be material to the examination of this application, and with respect to which there may be a duty to disclose. The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

A copy of each listed reference is enclosed herewith, unless no such copy is required pursuant to 37 CFR § 1.98(d).

- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the references cited therein are hereby listed but are not required to be provided in this application under 37 CFR § 1.98(d).

Pursuant to 37 CFR §1.97, this Information Disclosure Statement is being submitted under the section indicated below.

- ☒ 37 CFR §1.97(b).
- ☐ 37 CFR §1.97(c). If so, then either:
- ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that either:
- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56 (c) more than three months prior to the filing of this Statement.
- OR
- ☐ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).
- ☐ 37 CFR § 1.97(d). If so, then both:
- ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that either:
- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement.
- AND
- ☐ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).

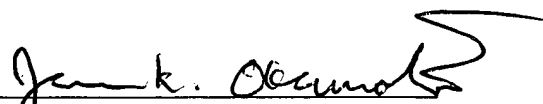
Consideration of the listed references and favorable action are respectfully solicited.

Respectfully submitted,

David L. Adler

Dated: February 13, 2004

By:

  
James K. Okamoto

Attorney For Applicant(s)

Reg. No. 40,110

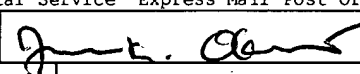
OKAMOTO & BENEDICTO LLP

P.O. Box 641330

San Jose, CA 95164-1330

Tel.: (408) 436-2110

Fax: (408) 436-2114

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/702,156	
	Filing Date	November 5, 2003	
	First Named Inventor	David L. Adler	
	Art Unit	2881	
	Examiner Name	not yet known	
Total Number of Pages in This Submission	6 **	Attorney Docket Number	10011.001210 (P0980)

**ENCLOSURES (check all that apply)**☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/  
Incomplete Application☐ Response to Missing  
Parts under 37 CFR  
1.52 or 1.53☐ Assignment Papers  
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ After Allowance Communication to  
Group☐ Appeal Communication to Board of  
Appeals and Interferences☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)  
(please identify below):

PTO Form SB-08ab;

Copy of listed refs: C-H documents only;

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Remarks

\*\* does not include pages of listed references

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual nameJames K. Okamoto, Reg No. 40,110  
OKAMOTO & BENEDICTO LLP

Signature

Date

February 13, 2004

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February 13, 2004

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	10/702,156
Filing Date	November 5, 2003
First Named Inventor	David L. Adler
Art Unit	2881
Examiner Name	not yet known
Attorney Docket Number	10011.001210 (P0980)

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C	Sky Scalable High Performance Computers by SKYComputers, webpage [online]. Sky Computers, Inc. 2002, [retrieved on 11/04/2002]. Retrieved from the internet: <a href="http://www.skycomputers.com/hardware/hpc.html">http://www.skycomputers.com/hardware/hpc.html</a> .	
	D	TROMP, R.M. "Low-energy electron microscopy", IBM J.RES. Develop, July 2000, pages 503-516, Vol. 44, No. 4, International Business Machines Corporation.	
	E	CHANG, T.H. PHILIP, et al. "Multiple Electron-Beam Lithography", pages 1-26.	
	F	DIEBOLD, ALAIN, et al. "Current State of Defect Review by Electron Beam Tools: A White Paper", January 14, 2000, pages 1-12, Technology Transfer#00013877 A-Eng., SEMATECH.	
	G	TOBIN, KENNETH W. "Inspection in Semiconductor Manufacturing", pages 1-13 (K.W. Tobin submission for: V. Sankaran, C.M. Weber, K.W. Tobin "Inspection in Semiconductor Manufacturing", Webster's Encyclopedia of Electrical and Electronic Engineering, vol. 10, pp. 242-262, Wiley & Sons, NY, NY, 1999.	
	H	RACEway Interlink Functional Specification, November 8, 2000, pgs 1-104, Mercury Computer Systems, Inc., Chemsford, MA.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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